

Fig.1A

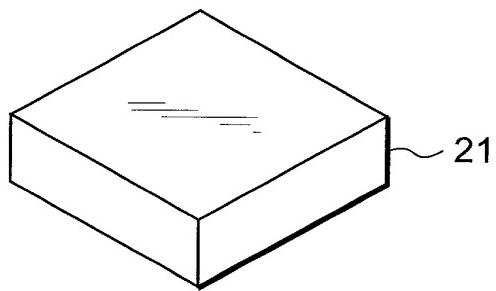


Fig. 1B

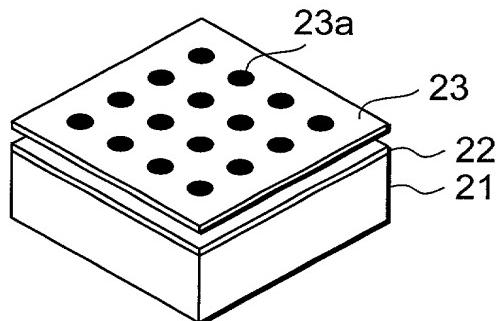


Fig. 1C

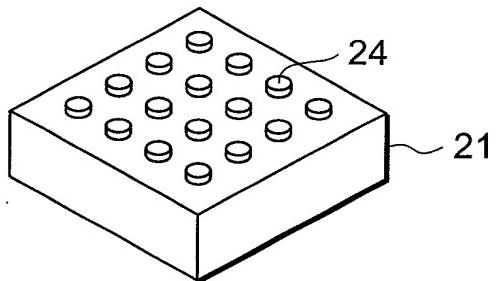


Fig. 1D

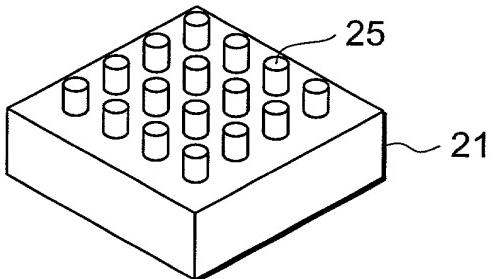


Fig. 1E

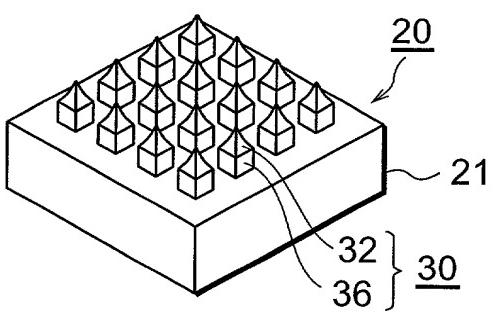


Fig.2

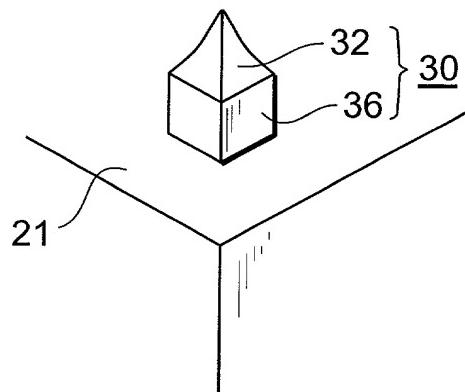


Fig.3A

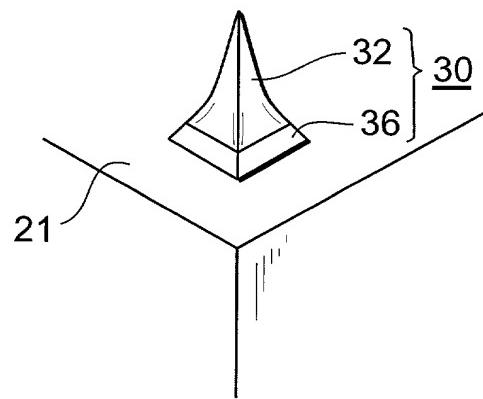


Fig.3B

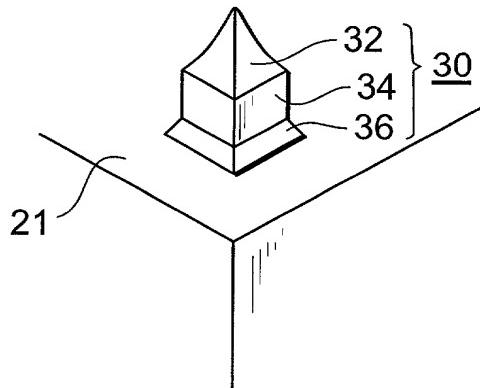


Fig.4

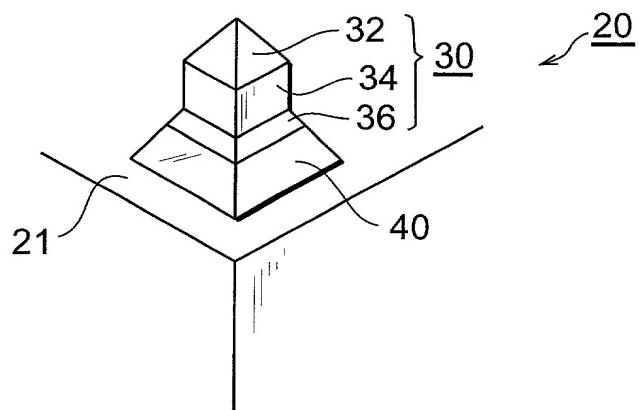


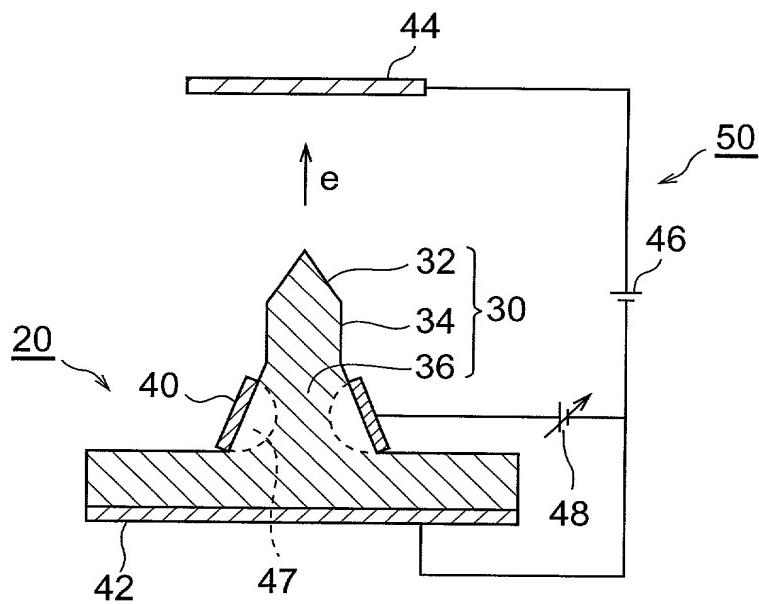
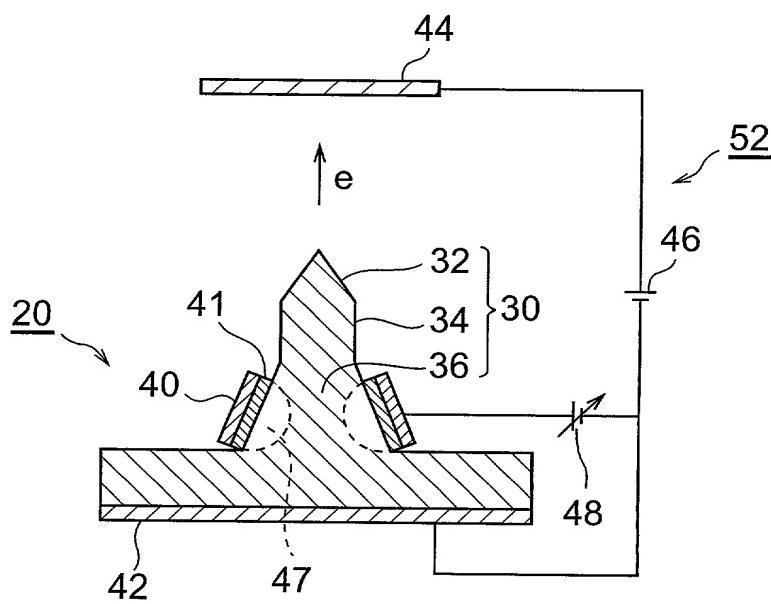
Fig.5**Fig.6**

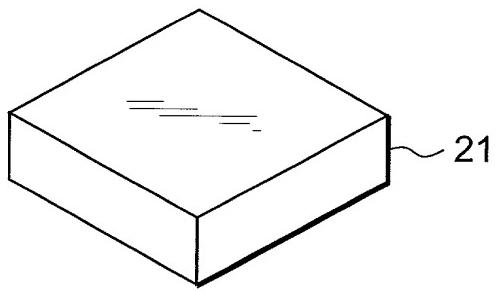
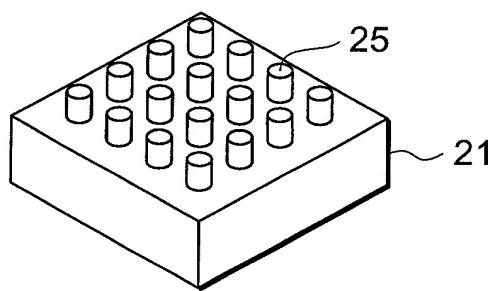
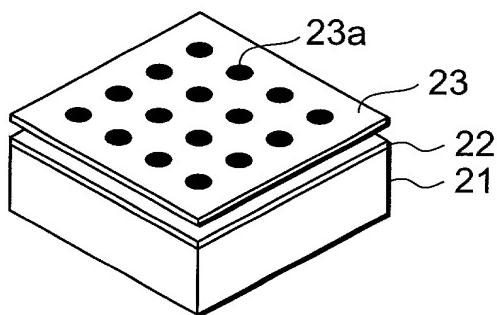
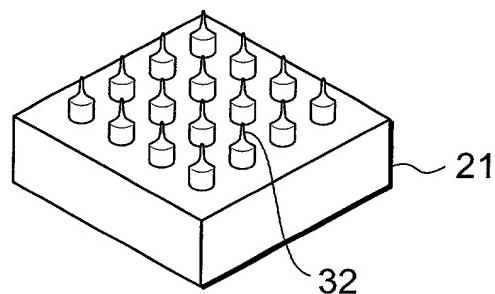
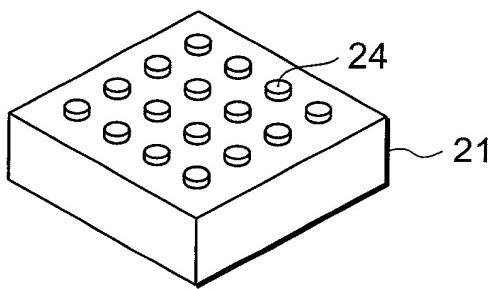
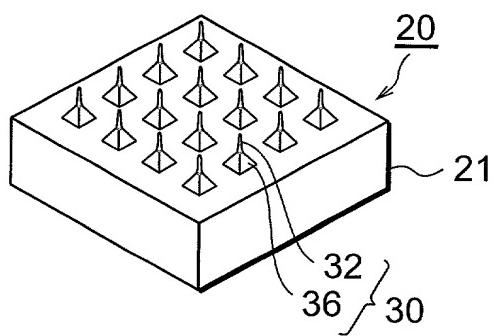
Fig.7A**Fig.7D****Fig.7B****Fig.7E****Fig.7C****Fig.7F**

Fig.8

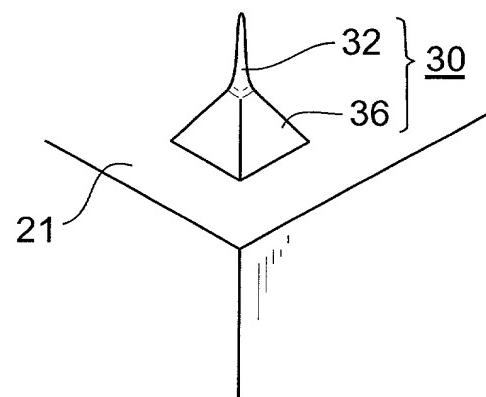


Fig.9A

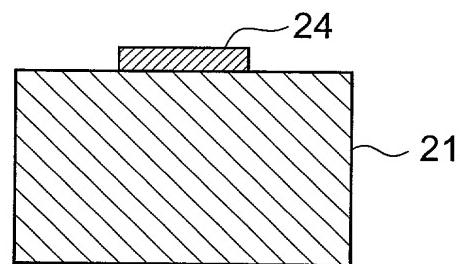


Fig.9B

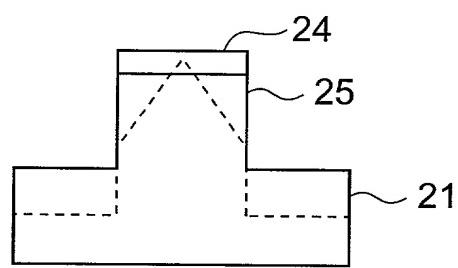


Fig.9C

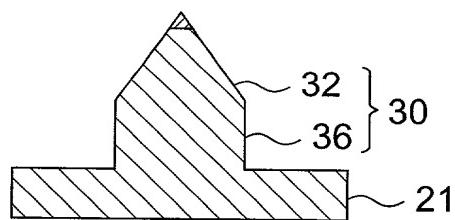


Fig.9D

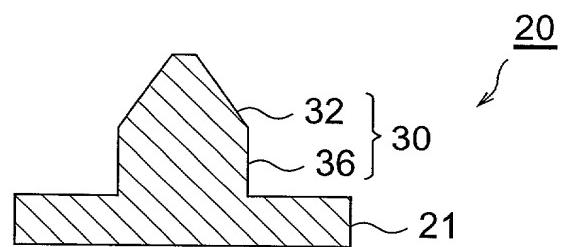


Fig. 10A

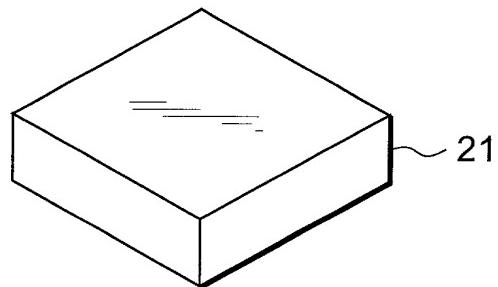


Fig. 10B

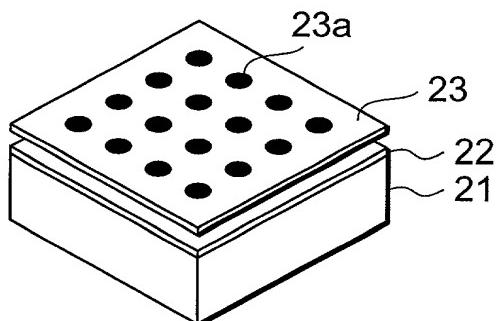


Fig. 10C

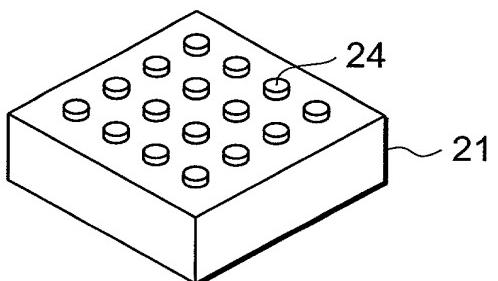


Fig. 10D

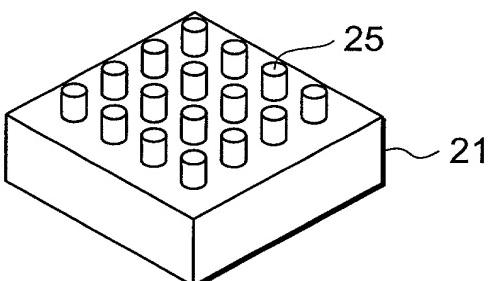


Fig. 10E

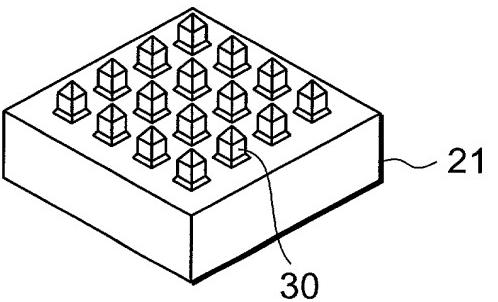
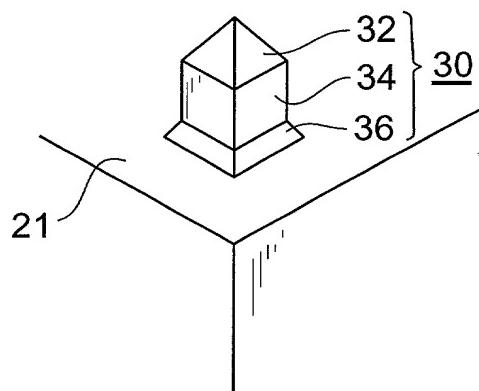


Fig.11***Fig.12***

SAMPLE NO.	DIMENSIONS OF COLUMNAR MEMBER		DIMENSIONS OF ELECTRON-Emitting PORTION		
	HEIGHT (μm)	DIAMETER (μm)	DIAMETER OF VERTEX PORTION (μm)	DIAMETER OF BASE (μm)	ASPECT RATIO
(1)	3	3	0.5	2.6	1
(2)	5	5	3.5	4.5	1
(3)	8	8	6	7.5	1
(4)	4.2	3	0.5	2.6	1.4
(5)	7	5	0.5	4.5	1.4
(6)	7	3	0.5	2.6	2.3
(7)	11.5	5	0.5	4.5	2.3

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Fig.13A

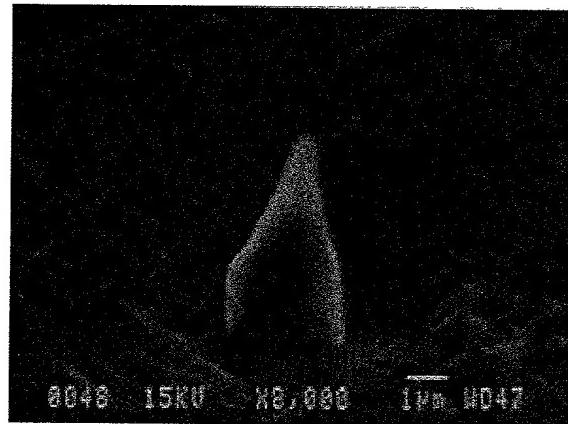


Fig.13B

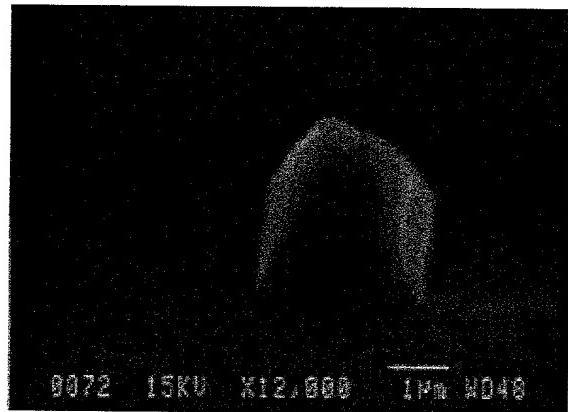
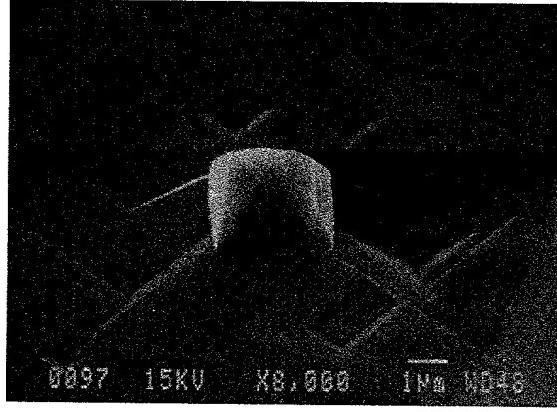
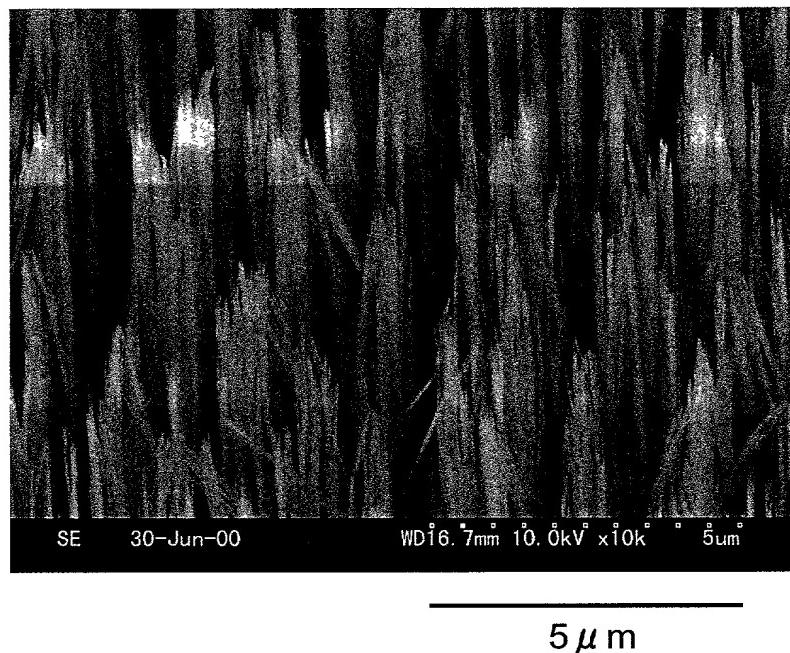


Fig.13C



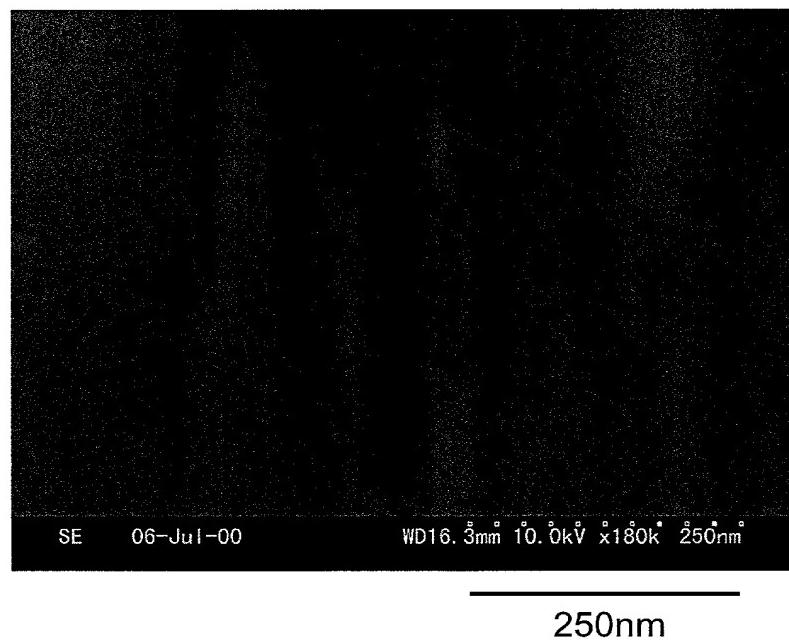
FP01-0076-00

Fig. 14A



5 μ m

Fig. 14B



250nm

Fig. 15A

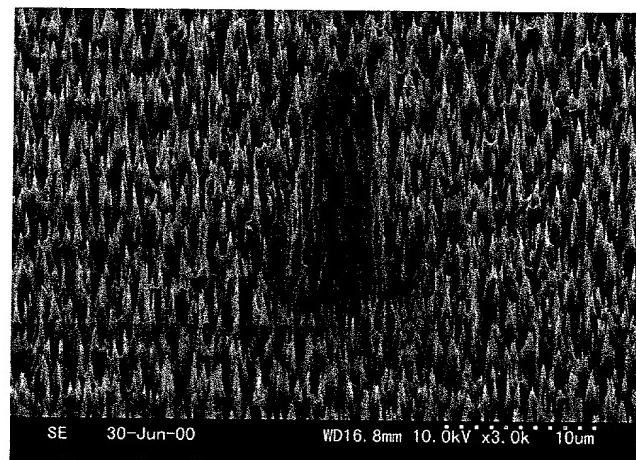


Fig. 15B

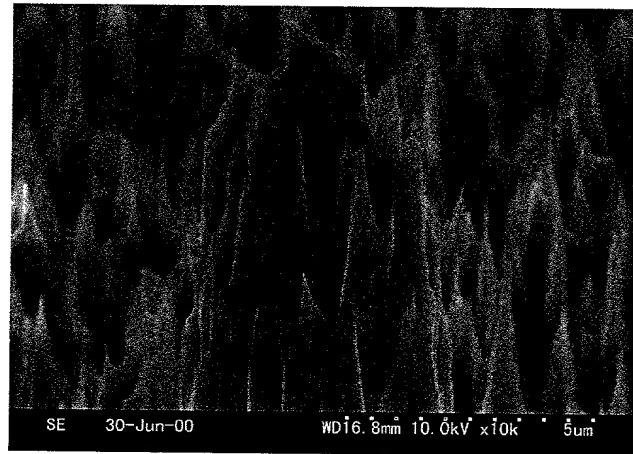
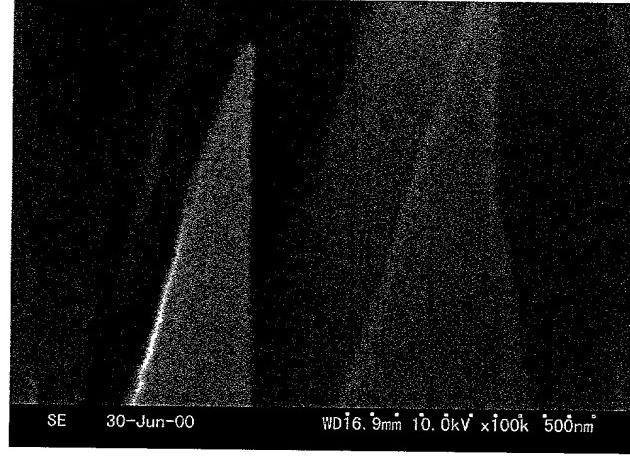


Fig. 15C



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Fig.16A

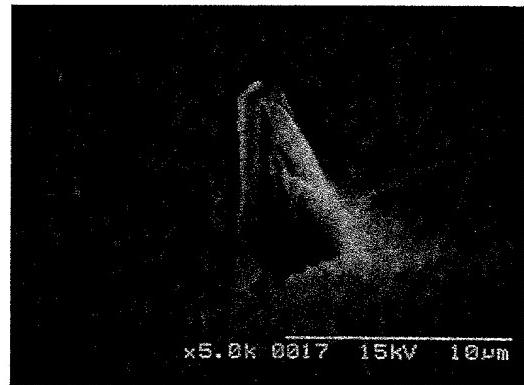


Fig.16B

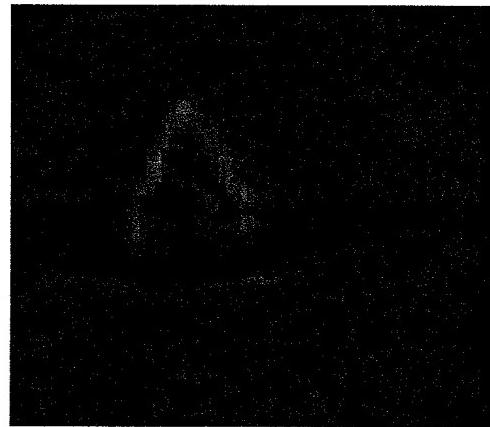


Fig.17A

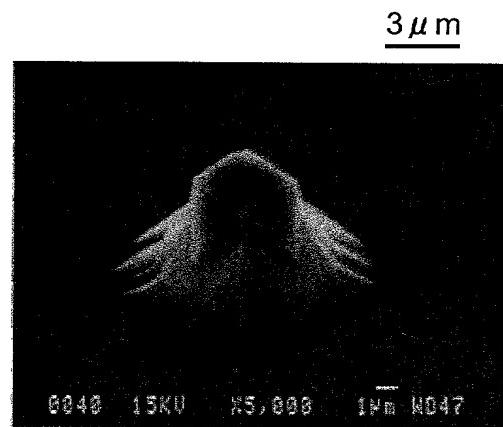


Fig.17B

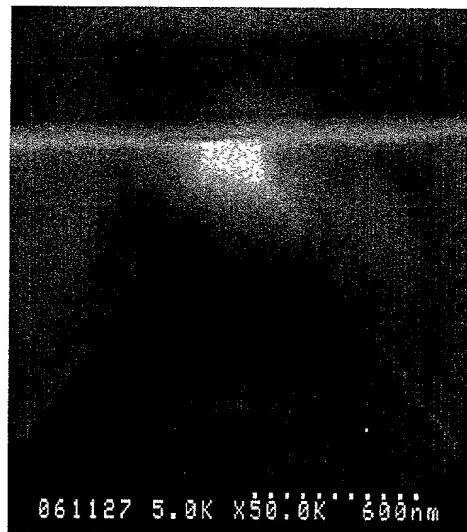
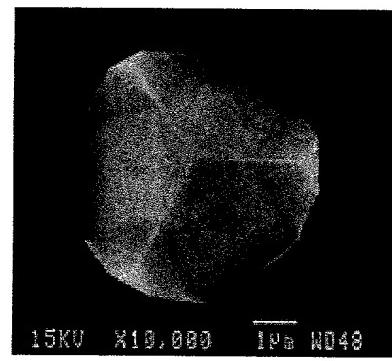
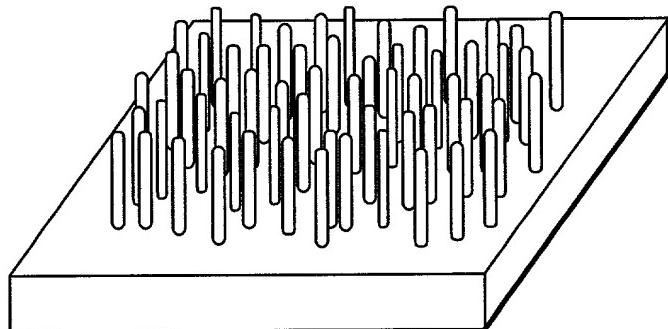


Fig.17C



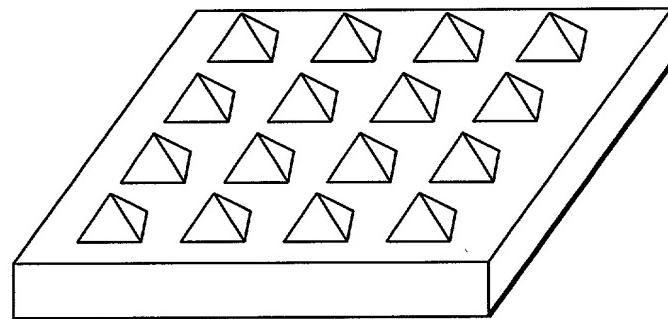
FP01-0076-00

Fig.18



PRIOR ART

Fig.19



PRIOR ART